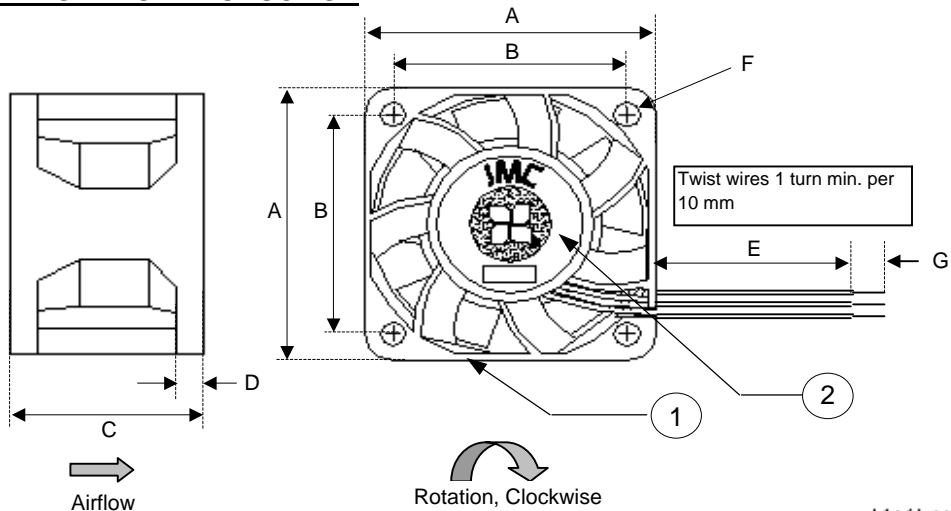


**RELEASED FOR PRODUCTION**



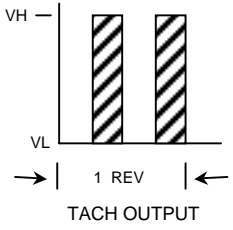
Revision History				
EC No	REV	Date	Description	Approvals
N/A	A	1/25/08	Created Dwg.	SA

- NOTES**
- 1) THIS FAN AND ALL OF ITS COMPONENTS COMPLY WITH THE REQUIREMENTS OF RoHS DIRECTIVE 2002/95/EC
  - 2) UTILIZATION OF VIBRATION ISOLATION GROMMETS OR MOUNTS IS RECOMMENDED FOR FAN SPEED HIGHER THAN 15,000 RPM.

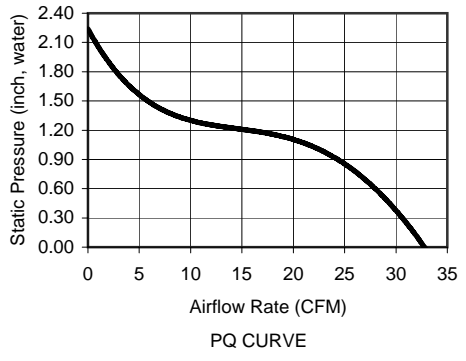


WIRE DESIGNATION	
GND (-)	Black
PWR (+)	Red
Tach	White

All Dimensions in mm	
A	40.0 +/- 0.5
B	32.0 +/- 0.3
C	28.0 +/- 0.5
D	4.0 +/- 0.3
E	300 +/- 25
F	4 x 3.5 +/- 0.3
G	6.3 +/- 1.0



	ITEM	SPECIFICATION	UNITS / NOTES
MECHANICAL	Speed	20,000 +/- 10%	RPM at 12 Vdc
	Airflow	33.0	CFM in Free Air
	Static Pressure	2.20	Inch, H <sub>2</sub> O
	Bearing Type	Ball, Dual	N/A
	Operating Temp	(-)10 to 60	Deg C
	Storage Temp	(-)40 to 70	Deg C
	Noise Level	66.0	dBA Max at 1M
PHYSICAL	Blade Material	UL 94V-0	N/A
	Frame Material	UL94V-0	N/A
	Wire Size	26.0	AWG
	Wire Type	UL 1061	N/A
	Wire Assembly	First Slot Only	N/A
	Regulatory Approvals	UL CUL TUV	N/A
ELECTRICAL	Net Weight	TBD	Grams
	Operating Voltage	10.8 - 12.6	Vdc
	Start up Voltage	10.8	Vdc
	Rated Current	1.70 (2.00 Max.)	Amp
	Input Power	20.40 (24.00 Max.)	Watts
	Tach Output	2.0	Pulses/Rev
	Polarity Protection	Yes	N/A
	Motor Protection	By Auto-Restart	N/A



2	1	Logo Label	L04004B0009	JMC
1	1	Fan Model	4028-12	JMC
Item	Qty	Description	Part Number	MFG
Austin Texas, USA		 The Fan Company	Fan, 40x28 FV, 12Vdc	
Dong Guan, PRC			Dual Ball, Standard	
Mechanical Engineer		Size	Drawing Number	Rev
S.Apsangi		A1	04004B0009	A
Electrical Engineer		Scale: None		Sheet 1 of 1
J. Elmo				

**PROPRIETARY NOTE**

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